

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

JOHAN E.W. VRIJHEID ET AL

NL 000656

Serial No.

Group Art Unit

Filed: CONCURRENTLY

Ex.

Title: INVASIVE DEVICE PROVIDED WITH A SEGMENTED ELECTRICAL  
CONNECTION CONDUCTOR

Commissioner for Patents  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to calculation of the filing fee and examination, please  
amend the above-identified application as follows:

IN THE CLAIMS

Please amend the claims as follows:

4. (amended) An invasive device as claimed in claim 1, wherein  
the separating elements are formed by self-inductances that do not  
contain a ferromagnetic material.

6. (amended) An invasive device as claimed in claim 1, wherein  
the segments are formed by mutually twisted cores.

7. (amended) An invasive device as claimed in claim 4, wherein the self-inductances have a value of at the most 1  $\mu$ H.

8. (amended) An MRI apparatus that is arranged to co-operate with the invasive device as claimed in claim 1, characterized in that the apparatus is provided with a power supply unit (16) for applying electrical energy to the circuit (20) via the connection conductor (21), and with switching means for interrupting the supply of electrical energy to the circuit as desired.

#### REMARKS

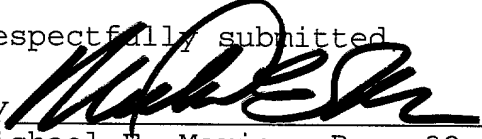
The foregoing amendments to the claims were made solely to avoid filing the claims in the multiple dependent form so as to avoid the additional filing fee.

The claims were not amended in order to address issues of patentability and Applicants respectfully reserve all rights they may have under the Doctrine of Equivalents. Applicants furthermore reserve their right to reintroduce subject matter deleted herein at

a later time during the prosecution of this application or  
continuing applications.

Respectfully submitted

By

  
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## APPENDIX

4. (amended) An invasive device as claimed in claim 1, ~~2 or 3~~, wherein the separating elements are formed by self-inductances that do not contain a ferromagnetic material.

6. (amended) An invasive device as claimed in ~~one of the preceding claims~~ claim 1, wherein the segments are formed by mutually twisted cores.

7. (amended) An invasive device as claimed in claim 4 ~~or 5~~, wherein the self-inductances have a value of at the most 1  $\mu$ H.

8. (amended) An MRI apparatus that is arranged to co-operate with the invasive device as claimed in ~~one of the preceding claims~~ claim 1, characterized in that the apparatus is provided with a power supply unit (16) for applying electrical energy to the circuit (20) via the connection conductor (21), and with switching means for interrupting the supply of electrical energy to the circuit as desired.